OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION (Uso several sheets if necessary)

tty. Docket	034	95.0111-11000	O / Ann	Serial No.	09/49	2,697 		
No. Applicant	Duj	on et al.				1/2/		
Filing Date	Jan	uary 27, 2000	HK OFFICE	Group	<del>1851</del>	<u> 1636 </u>		
ining Batte		U.	S. PATENT [	OCUMENTS	<del></del>	<del></del> -		
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate	
	$\prod \underline{1}$							
		FOF	REIGN PATEN	T DOCUMENTS		Sub	Translation	
		Document Number	Date	Country	Class	Class	Yes or No	
44	╁╂	WO 96 04397	2/15/96	PCT				
- 4ª_	+					<u> </u>		
	لــــــــــــــــــــــــــــــــــــــ	Colleaux et al., "Univers	ncluding Autl	nor, Title, Date, Per	tinent Page	s, Etc.)		
\$h \$u \$u		Colleaux et al., "Universal Code Equivalent of a Yeast Milochton Intronuction Internation Expressed into E. Coli as a Specific Double Strand Endonuclease, CELL, Vol. 44, 1986, pp. 521-533.  Colleaux et al., "Recognition and Cleavage Site of the Intron-Encoded Omega Transposase", PROC. NATL. ACAD. SCI. USA, Vol. 85, 1988, pp. 6022-6026.  Colleaux et al., "The Apocytochrome b Gene of Chlamydomonas smithii Contains a Mobile Intron Colleaux et al., "The Apocytochrome b Gene of Chlamydomonas smithii Contains a Mobile Intron Related to Both Saccharomyces and Neurospora Introns, MOL. GEN. GENET., Vol. 223, 1990, pp. 288-296.						
S			Rapid Mapping of YAC InsertsI, " <u>HUMAN MOL. GENET.</u> , Vol. 2(3), 1993, equence of the Intron and Flanking Exons of the Mitochondrial 21s rRNA Gene of Parising Different Alleles at the ω and rib-1 Loci, <u>CELL</u> , Vol. 20, 1980, pp. 185-187.					
5	v	I Veast Strains Having i	Dilletetic , more				1980, pp. 185-187	
A LANTOCHONDRIA			ONDRIA 1983	. Walter de Gruyter	& Co., pp. 🕓	389 <del>-4</del> 03.		
(	Dujon et al., "In Achievements and			Perspective of Mitoch	rondrial Res	searcn , c		
		Lu Fireday Calaboa Pi	Innishers, 1309	J, PP. = =		~	hliobing	
		Dujon et al., "In Extra	chromosomal	Elements in Lower E				
Se		Dujon et al., "In Extra Corporation, 1986, pp	chromosomal b. 5-27. up I Introns as	Elements in Lower E  Mobile Genetic Elem  Ol. 82, 1989, pp. 91	nents: Facts	and Med	hanistic	
5		Dujon et al., "In Extra Corporation, 1986, pp	chromosomal of 5-27.  up I Introns as iew", GENE, V	Mobile Genetic Elemonia Strategy (No. 82, 1989, pp. 91)	nents: Facts I-114. ecommende	and Med	hanistic clature," G <u>ENE,</u>	

## INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

ry. Docket	03495.0111-11000	OIPE	Serial No.	09/492,697			
oplicant	Dujon et al.	APR 2 4 2000 %		4054 1/2/			
ling Date	January 27, 2000		Group	1651 (636			
Sa	Jacquier et al., "T Species and Seq	he Introductine Mito uence Comparison I	EN. GENET., Vol. 192,				
	Jacquier et al., "/	Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicious Jacquier et al., "An Intron-Encoded Protein Intro-Encoded Protein Intro-Encoded Protein Intro-Encoded Protein Intro-Encoded Prot					
Sk	Michel et al., " C	Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies III  BNA Secondary Structure, BIOCHEMIE, Vol. 64, 1982, pp. 867-881.					
Se.	Michel et al., "Co Mitochrondrial-,	Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families including Mitochrondrial-, Chloroplast- and Nuclear-Encloded Members, EMBO JOURNAL, Vol. 2(1), 19					
SE	Michel et al., "G	Michel et al., "Genetic Exchanges Between Bacteriophage T4 and Filamentous Fungi?, OLLE,					
Su	Monteilhet et al Highly Specific	Monteilhet et al., "Purification and Characterization of the <i>in vitro</i> Activity of <i>I-Sce</i> 1, a Novel and Highly Specific Endonuclease Encoded by a Group 1 Intron, NUCLEIC ACIDS RESEARCH, Vol. 1000, pp. 1407-1413					
Se	Muscarella et a	Muscarella et al., "A Mobile Group I Intron in the Nuclear rDNA of Physarum Polycephalum,					
Sa		Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> II Intron-Encoded Plessis et al., "Site-Specific Recombination by III Intron-Encoded Plessis et al., "Site-Specific Recombination by III Intron-Encoded Plessis et al., "Site-Specific Recombination by III Intr					
Se	Rudin et al., "E by Recombina	Rudin et al., "Efficient Repart of HO-Induced Chromosomal Breaks in Saccharomyces conversed by Recombination Between Flanking Homologous Sequences," MOL. CELL BIOL., Vol. 8, 2010, 2028					
Su	Tartot et al., "C	Tartot et al., "Gene: New Cloning Vectors and Techniques," GENE, Vol. 67, 1988, pp. 109-					
Sr.		Thierry et al., "Cleavage of Yeast and Bacteriophage T7 Genomes at a Single Site Using the Rate Cutter Endonuclease <i>I-Sce</i> 1, NUCLEIC ACID RESEARCH, Vol. 19(1), 1991, pp. 189-190					
Examiner		Date Considered 5'/30/09					
*Examiner:	Initial if reference control through citation if no communication to a	of itt cottlottilation at	•	rmance with MPEP 609; draw line ide copy of this form with next			
Form PTO 1			Patent and Trademar	k Office - U.S. Department of Commer			

## INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

tty. Docket No.	034	95.0111-11000	P E JC&	Serial No.	09/492	697 		
Applicant	Duj	011 01 0	2 4 2000 8	To		1636		
iling Date	Jan	nuary 27, 2000	PATENT D	Group OCUMENTS				
	$\top$	Document	Date	Name	Class	Sub Class	Filing Date If Appropriate	
Examiner Initial*		Number		T DOCUMENTS				
	$\prod$	Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
		TO CHATNITE (Inc	Juding Auth	or. Title, Date, Perti	nent Pages	, Etc.)		
	0	Jasin, et al., "Targeted Ti	uuliig Addi	Proc Natl Acad. So	ci., USA, 93	17, pp. 88	304-8804, Aug. 20,	
S	_	4000			_			
		Rouet, et al., "Introduction	liciease. Mo	ICOURT ALLA COLLEGE				
\$		Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination Report of the Adams of the A						
Si		Lukasovich, et al. "Repair of a Specific Double-Strand Break Generated within a Manimalian Chromosome by Yeast Endonuclease 1-Sce1," Nucleic Acids Research, 22:25, pp. 5649-						
5	<u> </u>	Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Start Colls," Nucleic Acids Research, 23:24, pp. 5012-5019, 1995.						
	u	Moynahan, et al., "A Model for Testing Recombinogenic Sequences in the Mouse Germine,"  Molecular Genetics, 5:7, pp. 875-886, 1996.						
	G.	Jasin, "Genetic Manipulation of Genomes with Rare-Cutting Endonucleases," Trends in Genetics, 12:6, pp. 224-228, June 1996.						
	r r	Well RJ, Theriogeneology 45:57-668, 1996.  Viville, et al, in Transgenic Animals, Houdebine (eds.), Harwood Academic Publishers, France,						
	î	Viville, et al, in Transge	enic Animals,	Houdebine (eds.), H		demic Pu	DIISNETS, FTANCE,	
	Se .	Kappel et al., Current	Opinion in Bio	otechnology, 3:358-3	53, 1992.			

		Date Considered	5/30/00				
Examiner	South they.		e with MPEP 609; draw line through				
*Examiner:	Initial if reference considered, whether citation if not in conformance and not of	sidered, whether or not citation is in conformance with MPEP 609; draw I rmance and not considered. Include copy of this form with next commun					
	applicant.		ffice - U.S. Department of Commerce				
Form PTO 14	149	Patent and Trademark O					